

# Adriana R Pohlmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/106385/publications.pdf>

Version: 2024-02-01

340  
papers

10,285  
citations

36203

51  
h-index

64668

79  
g-index

350  
all docs

350  
docs citations

350  
times ranked

10120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric Nanoparticles, Nanospheres and Nanocapsules, for Cutaneous Applications. <i>Drug Target Insights</i> , 2007, 2, 117739280700200.	0.9	307
2	Caracterizaç�o e estabilidade f�sico-qu�mica de sistemas polim�ricos nanoparticulados para administraç�o de f�rmacos. <i>Quimica Nova</i> , 2003, 26, 726-737.	0.3	281
3	Surface-Modified Nanocarriers for Nose-to-Brain Delivery: From Bioadhesion to Targeting. <i>Pharmaceutics</i> , 2018, 10, 34.	2.0	206
4	Poly( $\mu$ -caprolactone) microcapsules and nanocapsules in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 623-638.	2.4	186
5	Characterization of $\alpha$ -Resveratrol-Loaded Lipid-Core Nanocapsules and Tissue Distribution Studies in Rats. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 694-703.	0.5	159
6	Neuroprotective Effects of Resveratrol Against $H_2O_2$ Administration in Rats are Improved by Lipid-Core Nanocapsules. <i>Molecular Neurobiology</i> , 2013, 47, 1066-1080.	1.9	149
7	Hemocompatibility of poly( $\epsilon$ -caprolactone) lipid-core nanocapsules stabilized with polysorbate 80-lecithin and uncoated or coated with chitosan. <i>International Journal of Pharmaceutics</i> , 2012, 426, 271-279.	2.6	141
8	Formulation of lipid core nanocapsules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 375, 200-208.	2.3	137
9	Curcumin-loaded lipid-core nanocapsules as a strategy to improve pharmacological efficacy of curcumin in glioma treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 156-167.	2.0	136
10	Sustained Release from Lipid-Core Nanocapsules by Varying the Core Viscosity and the Particle Surface Area. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 130-140.	0.5	135
11	Chitosan as a coating material for nanoparticles intended for biomedical applications. <i>Reactive and Functional Polymers</i> , 2020, 147, 104459.	2.0	130
12	Human skin penetration and distribution of nimesulide from hydrophilic gels containing nanocarriers. <i>International Journal of Pharmaceutics</i> , 2007, 341, 215-220.	2.6	126
13	Indomethacin-loaded nanocapsules treatment reduces in vivo glioblastoma growth in a rat glioma model. <i>Cancer Letters</i> , 2009, 281, 53-63.	3.2	126
14	Tretinoin-loaded nanocapsules: Preparation, physicochemical characterization, and photostability study. <i>International Journal of Pharmaceutics</i> , 2008, 352, 1-4.	2.6	123
15	Improving drug biological effects by encapsulation into polymeric nanocapsules. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 623-639.	3.3	120
16	Spray-dried indomethacin-loaded polyester nanocapsules and nanospheres: development, stability evaluation and nanostructure models. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 16, 305-312.	1.9	111
17	Improved photostability and reduced skin permeation of tretinoin: Development of a semisolid nanomedicine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 95-101.	2.0	109
18	Effects of indomethacin-loaded nanocapsules in experimental models of inflammation in rats. <i>British Journal of Pharmacology</i> , 2009, 158, 1104-1111.	2.7	104

#	ARTICLE	IF	CITATIONS
19	Diffusion and mathematical modeling of release profiles from nanocarriers. <i>International Journal of Pharmaceutics</i> , 2006, 313, 198-205.	2.6	101
20	Freeze-drying polymeric colloidal suspensions: nanocapsules, nanospheres and nanodispersion. A comparative study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 501-505.	2.0	97
21	Resveratrol-Loaded Lipid-Core Nanocapsules Treatment Reduces <i>In Vitro</i> and <i>In Vivo</i> Glioma Growth. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 516-526.	0.5	85
22	Polymeric nanoparticles, nanospheres and nanocapsules, for cutaneous applications. <i>Drug Target Insights</i> , 2007, 2, 147-57.	0.9	82
23	Chitosan-Coated Nanoparticles: Effect of Chitosan Molecular Weight on Nasal Transmucosal Delivery. <i>Pharmaceutics</i> , 2019, 11, 86.	2.0	79
24	Nasal Drug Delivery of Anticancer Drugs for the Treatment of Glioblastoma: Preclinical and Clinical Trials. <i>Molecules</i> , 2019, 24, 4312.	1.7	77
25	Photostability and Skin Penetration of Different Resveratrol-Loaded Supramolecular Structures. <i>Photochemistry and Photobiology</i> , 2012, 88, 913-921.	1.3	75
26	Nanostructured systems containing an essential oil: protection against volatilization. <i>Quimica Nova</i> , 2011, 34, 968-972.	0.3	74
27	The use of chitosan as cationic coating or gel vehicle for polymeric nanocapsules: Increasing penetration and adhesion of imiquimod in vaginal tissue. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 202-212.	2.0	74
28	Protective properties of melatonin-loaded nanoparticles against lipid peroxidation. <i>International Journal of Pharmaceutics</i> , 2005, 289, 209-213.	2.6	73
29	Physico-chemical characterization of nanocapsule polymeric wall using fluorescent benzazole probes. <i>International Journal of Pharmaceutics</i> , 2007, 338, 297-305.	2.6	73
30	Indomethacin-loaded lipid-core nanocapsules reduce the damage triggered by A $\beta$ 1-42 in Alzheimer's disease models. <i>International Journal of Nanomedicine</i> , 2012, 7, 4927.	3.3	73
31	Production of soybean phosphatidylcholine-chitosan nanovesicles by reverse phase evaporation: a step by step study. <i>Chemistry and Physics of Lipids</i> , 2005, 138, 29-37.	1.5	71
32	A novel approach to arthritis treatment based on resveratrol and curcumin co-encapsulated in lipid-core nanocapsules: In vivo studies. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 78, 163-170.	1.9	68
33	Nanoencapsulation as a Way to Control the Release and to Increase the Photostability of Clobetasol Propionate: Influence of the Nanostructured System. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 254-263.	0.5	67
34	Sputtering onto Liquids: From Thin Films to Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 16362-16367.	1.5	67
35	An algorithm to determine the mechanism of drug distribution in lipid-core nanocapsule formulations. <i>Soft Matter</i> , 2013, 9, 1141-1150.	1.2	65
36	Gelatin-based membrane containing usnic acid-loaded liposome improves dermal burn healing in a porcine model. <i>International Journal of Pharmaceutics</i> , 2016, 513, 473-482.	2.6	61

#	ARTICLE	IF	CITATIONS
37	Carvedilol-loaded nanocapsules: Mucoadhesive properties and permeability across the sublingual mucosa. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 88-95.	2.0	61
38	Skin penetration and dermal tolerability of acrylic nanocapsules: Influence of the surface charge and a chitosan gel used as vehicle. <i>International Journal of Pharmaceutics</i> , 2016, 507, 12-20.	2.6	60
39	Diverse deformation properties of polymeric nanocapsules and lipid-core nanocapsules. <i>Soft Matter</i> , 2011, 7, 7240.	1.2	59
40	&lt;p&gt;Orally delivered resveratrol-loaded lipid-core nanocapsules ameliorate LPS-induced acute lung injury via the ERK and PI3K/Akt pathways&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5215-5228.	3.3	59
41	Sodium pantoprazole-loaded enteric microparticles prepared by spray drying: Effect of the scale of production and process validation. <i>International Journal of Pharmaceutics</i> , 2006, 324, 10-18.	2.6	58
42	Lipid-Core Nanocapsules Improve the Effects of Resveratrol Against A&lt;l&gt;²&lt;/l&gt;-Induced Neuroinflammation. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 2086-2104.	0.5	58
43	Nanocarriers for optimizing the balance between interfollicular permeation and follicular uptake of topically applied clobetasol to minimize adverse effects. <i>Journal of Controlled Release</i> , 2016, 223, 207-214.	4.8	58
44	Ciprofloxacin-loaded lipid-core nanocapsules as mucus penetrating drug delivery system intended for the treatment of bacterial infections in cystic fibrosis. <i>International Journal of Pharmaceutics</i> , 2017, 527, 92-102.	2.6	58
45	Chitosan hydrogels containing nanoencapsulated phenytoin for cutaneous use: Skin permeation/penetration and efficacy in wound healing. <i>Materials Science and Engineering C</i> , 2019, 96, 205-217.	3.8	58
46	Caenorhabditis elegans as an alternative in vivo model to determine oral uptake, nanotoxicity, and efficacy of melatonin-loaded lipid-core nanocapsules on paraquat damage. <i>International Journal of Nanomedicine</i> , 2015, 10, 5093.	3.3	56
47	Incorporation in polymeric nanocapsules improves the antioxidant effect of melatonin against lipid peroxidation in mice brain and liver. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 64-71.	2.0	55
48	Lipid-core nanocapsules: mechanism of self-assembly, control of size and loading capacity. <i>Soft Matter</i> , 2012, 8, 6646.	1.2	55
49	Rate-modulating PHBH/PCL microparticles containing weak acid model drugs. <i>International Journal of Pharmaceutics</i> , 2007, 345, 70-80.	2.6	53
50	Acute and Subchronic Toxicity Evaluation of Poly(É-Caprolactone) Lipid-Core Nanocapsules in Rats. <i>Toxicological Sciences</i> , 2013, 132, 162-176.	1.4	53
51	Co-encapsulation of imiquimod and copaiba oil in novel nanostructured systems: promising formulations against skin carcinoma. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 79, 36-43.	1.9	53
52	Development of nanocapsule suspensions and nanocapsule spray-dried powders containing melatonin. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 562-569.	0.6	53
53	Controlling the size of poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles prepared by emulsification&quot;diffusion technique using ethanol as surface agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 324, 105-112.	2.3	52
54	Semisolid Formulation Containing a Nanoencapsulated Sunscreen: Effectiveness, &lt;l&gt;In Vitro&lt;/l&gt; Photostability and Immune Response. <i>Journal of Biomedical Nanotechnology</i> , 2009, 5, 240-246.	0.5	52

#	ARTICLE	IF	CITATIONS
55	Chitosan gel containing polymeric nanocapsules: a new formulation for vaginal drug delivery. <i>International Journal of Nanomedicine</i> , 2014, 9, 3151.	3.3	52
56	Physico-chemical characterization and antibacterial activity of inclusion complexes of Hyptis martiusii Benth essential oil in $\beta$ -cyclodextrin. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 201-207.	2.5	52
57	Chitosan Coated Liposomes as an Innovative Nanocarrier for Drugs. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 240-250.	0.5	51
58	Preparation and Characterization of Spray-Dried Polymeric Nanocapsules. <i>Drug Development and Industrial Pharmacy</i> , 2000, 26, 343-347.	0.9	50
59	Dexamethasone-loaded nanoparticle-coated microparticles: Correlation between in vitro drug release and drug transport across Caco-2 cell monolayers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 18-30.	2.0	50
60	Lipid-Core Nanocapsules Act as a Drug Shuttle Through the Blood Brain Barrier and Reduce Glioblastoma After Intravenous or Oral Administration. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 986-1000.	0.5	50
61	Innovative Sunscreen Formulation Based on Benzophenone-3-Loaded Chitosan-Coated Polymeric Nanocapsules. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 166-174.	1.1	49
62	Prednisolone-loaded nanocapsules as ocular drug delivery system: development, <i>in vitro</i> drug release and eye toxicity. <i>Journal of Microencapsulation</i> , 2014, 31, 519-528.	1.2	49
63	Influence of Benzyl Benzoate as Oil Core on the Physicochemical Properties of Spray-Dried Powders from Polymeric Nanocapsules Containing Indomethacin. <i>Drug Delivery</i> , 2000, 7, 195-199.	2.5	48
64	Lipid-core nanocapsules restrained the indomethacin ethyl ester hydrolysis in the gastrointestinal lumen and wall acting as mucoadhesive reservoirs. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 116-124.	1.9	48
65	Combined Effect of Polymeric Nanocapsules and Chitosan Hydrogel on the Increase of Capsaicinoids Adhesion to the Skin Surface. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 820-830.	0.5	48
66	Microparticles of Aloe vera/vitamin E/chitosan: Microscopic, a nuclear imaging and an in vivo test analysis for burn treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 292-300.	2.0	48
67	Development of lycopene-loaded lipid-core nanocapsules: physicochemical characterization and stability study. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	47
68	The effect of polymeric wall on the permeability of drug-loaded nanocapsules. <i>Materials Science and Engineering C</i> , 2008, 28, 472-478.	3.8	46
69	Mucoadhesive Amphiphilic Methacrylic Copolymer-Functionalized Poly( $\epsilon$ -caprolactone) Nanocapsules for Nose-to-Brain Delivery of Olanzapine. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1472-1481.	0.5	46
70	Evaluation of the antibacterial and modulatory potential of $\alpha$ -bisabolol, $\beta$ -cyclodextrin and $\alpha$ -bisabolol/ $\beta$ -cyclodextrin complex. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 1111-1118.	2.5	46
71	Melatonin delivery by nanocapsules during in vitro bovine oocyte maturation decreased the reactive oxygen species of oocytes and embryos. <i>Reproductive Toxicology</i> , 2016, 63, 70-81.	1.3	45
72	Preparation, characterization, and in vivo anti-ulcer evaluation of pantoprazole-loaded microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 63, 198-204.	2.0	44

#	ARTICLE	IF	CITATIONS
73	Interaction between phospholipids bilayer and chitosan in liposomes investigated by 31P NMR spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 294-299.	2.5	44
74	Formulation and in vivo evaluation of sodium alendronate spray-dried microparticles intended for lung delivery. <i>Journal of Controlled Release</i> , 2011, 152, 370-375.	4.8	44
75	Selective cytotoxicity of indomethacin and indomethacin ethyl ester-loaded nanocapsules against glioma cell lines: An in vitro study. <i>European Journal of Pharmacology</i> , 2008, 586, 24-34.	1.7	42
76	Spray-drying technique to prepare innovative nanoparticulated formulations for drug administration: a brief overview. <i>Brazilian Journal of Physics</i> , 2009, 39, 205-209.	0.7	41
77	Hesperetin-loaded lipid-core nanocapsules in polyamide: a new textile formulation for topical drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2069-2079.	3.3	41
78	Efficient Synthesis of Conformationally Constrained Peptidomimetics Containing 2-Oxopiperazines1. <i>Journal of Organic Chemistry</i> , 1997, 62, 1016-1022.	1.7	40
79	Physicochemical characterization of a hydrophilic model drug-loaded PHBV microparticles obtained by the double emulsion/solvent evaporation technique. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1298-1305.	0.6	40
80	Nanoencapsulation Improves the <math>in vitro</math> Antioxidant Activity of Lipoic Acid. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 598-607.	0.5	40
81	Chitosan-coated dapsone-loaded lipid-core nanocapsules: Growth inhibition of clinical isolates, multidrug-resistant <i>Staphylococcus aureus</i> and <i>Aspergillus ssp.</i> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 511, 153-161.	2.3	40
82	Mucoadhesive Properties of Eudragit®RS100, Eudragit®S100, and Poly( $\mu$ -caprolactone) Nanocapsules: Influence of the Vehicle and the Mucosal Surface. <i>AAPS PharmSciTech</i> , 2018, 19, 1637-1646.	1.5	40
83	Determining the simultaneous presence of drug nanocrystals in drug-loaded polymeric nanocapsule aqueous suspensions: A relation between light scattering and drug content. <i>International Journal of Pharmaceutics</i> , 2008, 359, 288-293.	2.6	39
84	Polymeric nanocapsules ultra stable in complex biological media. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 376-381.	2.5	39
85	Inhalable resveratrol microparticles produced by vibrational atomization spray drying for treating pulmonary arterial hypertension. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 29, 152-158.	1.4	39
86	Nanocapsules Prepared from Amorphous Polyesters: Effect on the Physicochemical Characteristics, Drug Release, and Photostability. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3091-3099.	0.9	38
87	Hydrogels containing redispersible spray-dried melatonin-loaded nanocapsules: a formulation for transdermal-controlled delivery. <i>Nanoscale Research Letters</i> , 2012, 7, 251.	3.1	38
88	Redispersible liposomal-N-acetylcysteine powder for pulmonary administration: Development, in vitro characterization and antioxidant activity. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 65, 174-182.	1.9	38
89	Lipid-Core Nanocapsules as a Nanomedicine for Parenteral Administration of Tretinoin: Development and <math>in vitro</math> Antitumor Activity on Human Myeloid Leukaemia Cells. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 214-223.	0.5	37
90	Simultaneous Control of Capsaicinoids Release from Polymeric Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2398-2406.	0.9	37

#	ARTICLE	IF	CITATIONS
91	Electroformation of Giant Vesicles from an Inverse Phase Precursor. <i>Biophysical Journal</i> , 2009, 96, 2719-2726.	0.2	36
92	Chitosan Hydrogel Containing Capsaicinoids-Loaded Nanocapsules: An Innovative Formulation for Topical Delivery. <i>Soft Materials</i> , 2010, 8, 370-385.	0.8	36
93	Lipid core nanoparticles as a broad strategy to reverse fluconazole resistance in multiple <i>Candida</i> species. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 523-529.	2.5	36
94	Fluorescent-Labeled Poly( $\epsilon$ -caprolactone) Lipid-Core Nanocapsules: Synthesis, Physicochemical Properties and Macrophage Uptake. <i>Journal of Colloid Science and Biotechnology</i> , 2012, 1, 89-98.	0.2	36
95	In vivo toxicological evaluation of polymeric nanocapsules after intradermal administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 167-177.	2.0	35
96	Lutein-loaded lipid-core nanocapsules: Physicochemical characterization and stability evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 477-484.	2.3	35
97	$\alpha$ -bisabolol-loaded lipid-core nanocapsules reduce lipopolysaccharide-induced pulmonary inflammation in mice. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4479-4491.	3.3	35
98	Semisolid topical formulations containing nimesulide-loaded nanocapsules, nanospheres or nanoemulsion: development and rheological characterization. <i>Die Pharmazie</i> , 2005, 60, 900-4.	0.3	35
99	Physico-Chemical Characterization and In Vivo Evaluation of Indomethacin Ethyl Ester-Loaded Nanocapsules by PCS, TEM, SAXS, Interfacial Alkaline Hydrolysis and Antiedematogenic Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3154-3162.	0.9	34
100	Structural Evaluation of Phospholipidic Nanovesicles Containing Small Amounts of Chitosan. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2425-2431.	0.9	34
101	Microparticles prepared with poly(hydroxybutyrate-co-hydroxyvalerate) and poly( $\epsilon$ -caprolactone) blends to control the release of a drug model. <i>Journal of Microencapsulation</i> , 2007, 24, 175-186.	1.2	34
102	Estabilizaço do cido lipoico via encapsulaço em nanocpsulas polimricas planejadas para aplicaço cutnea. <i>Quimica Nova</i> , 2009, 32, 2078-2084.	0.3	33
103	Methotrexate up-regulates ecto-5'-nucleotidase/CD73 and reduces the frequency of T lymphocytes in the glioblastoma microenvironment. <i>Purinergic Signalling</i> , 2016, 12, 303-312.	1.1	33
104	Bromelain-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Formulation, Chemical Structure and Antiproliferative Effect Against Human Breast Cancer Cells (MCF-7). <i>Pharmaceutical Research</i> , 2017, 34, 438-452.	1.7	33
105	Development and physicochemical characterization of dexamethasone-loaded polymeric nanocapsule suspensions. <i>Quimica Nova</i> , 2008, 31, 1131-1136.	0.3	32
106	Polymeric controlled release inhalable powder produced by vibrational spray-drying: One-step preparation and in vitro lung deposition. <i>Powder Technology</i> , 2014, 258, 49-59.	2.1	32
107	The antiproliferative effect of indomethacin-loaded lipid-core nanocapsules in glioma cells is mediated by cell cycle regulation, differentiation, and the inhibition of survival pathways. <i>International Journal of Nanomedicine</i> , 2013, 8, 711.	3.3	31
108	Nanoencapsulation in Lipid-Core Nanocapsules Controls Mometasone Furoate Skin Permeability Rate and Its Penetration to the Deeper Skin Layers. <i>Skin Pharmacology and Physiology</i> , 2014, 27, 217-217.	1.1	31

#	ARTICLE	IF	CITATIONS
109	Laronidase-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Promising Formulation for a More Effective Treatment of Mucopolysaccharidosis Type I. <i>Pharmaceutical Research</i> , 2015, 32, 941-954.	1.7	31
110	Cationic Polymeric Nanocapsules as a Strategy to Target Dexamethasone to Viable Epidermis: Skin Penetration and Permeation Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1331-1338.	0.9	31
111	Lipid-core nanocapsules increase the oral efficacy of quercetin in cutaneous leishmaniasis. <i>Parasitology</i> , 2017, 144, 1769-1774.	0.7	30
112	Alkaline Hydrolysis as a Tool to Determine the Association form of Indomethacin in Nanocapsules Prepared with Poly( $\epsilon$ -Caprolactone). <i>Current Drug Delivery</i> , 2004, 1, 103-110.	0.8	30
113	Spray-dried diclofenac-loaded poly( $\epsilon$ -caprolactone) nanocapsules and nanospheres. Preparation and physicochemical characterization. <i>Die Pharmazie</i> , 2001, 56, 864-7.	0.3	30
114	Caracterizaço da pureza de fosfatidilcolina da soja atravs de RMN de $^1\text{H}$ e de $^{31}\text{P}$ . <i>Quimica Nova</i> , 2008, 31, 1856-1859.	0.3	29
115	Chitosan effect on the mesophase behavior of phosphatidylcholine supramolecular systems. <i>Materials Science and Engineering C</i> , 2009, 29, 463-469.	3.8	29
116	Protective effects of indomethacin-loaded nanocapsules against oxygen-glucose deprivation in organotypic hippocampal slice cultures: Involvement of neuroinflammation. <i>Neurochemistry International</i> , 2010, 57, 629-636.	1.9	29
117	Spray-dried chitosan-metal microparticles for ciprofloxacin adsorption: Kinetic and equilibrium studies. <i>Soft Matter</i> , 2011, 7, 7304.	1.2	29
118	Structural analysis of chitosan hydrogels containing polymeric nanocapsules. <i>Materials Science and Engineering C</i> , 2014, 42, 234-242.	3.8	29
119	Assessing the In Vitro Drug Release from Lipid-Core Nanocapsules: a New Strategy Combining Dialysis Sac and a Continuous-Flow System. <i>AAPS PharmSciTech</i> , 2015, 16, 1409-1417.	1.5	29
120	Development of Novel Chitosan Microcapsules for Pulmonary Delivery of Dapsone: Characterization, Aerosol Performance, and In Vivo Toxicity Evaluation. <i>AAPS PharmSciTech</i> , 2015, 16, 1033-1040.	1.5	29
121	Pharmacological Improvement and Preclinical Evaluation of Methotrexate-Loaded Lipid-Core Nanocapsules in a Glioblastoma Model. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1808-1818.	0.5	29
122	Imiquimod-loaded nanocapsules improve cytotoxicity in cervical cancer cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 9-17.	2.0	29
123	Vegetable oils as core of cationic polymeric nanocapsules: influence on the physicochemical properties. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 913-924.	1.3	28
124	The use of nanoencapsulation to decrease human skin irritation caused by capsaicinoids. <i>International Journal of Nanomedicine</i> , 2014, 9, 951.	3.3	28
125	Encapsulation in lipid-core nanocapsules overcomes lung cancer cell resistance to tretinoin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 55-63.	2.0	28
126	Polymeric Nanocapsules and Lipid-Core Nanocapsules Have Diverse Skin Penetration. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 773-780.	0.9	28



#	ARTICLE	IF	CITATIONS
127	Arginylglycylaspartic Acid-Surface-Functionalized Doxorubicin-Loaded Lipid-Core Nanocapsules as a Strategy to Target Alpha(V) Beta(3) Integrin Expressed on Tumor Cells. <i>Nanomaterials</i> , 2018, 8, 2.	1.9	28
128	Nanoparticle-coated microparticles: preparation and characterization. <i>Journal of Microencapsulation</i> , 2004, 21, 499-512.	1.2	27
129	Protective effects of melatonin-loaded lipid-core nanocapsules on paraquat-induced cytotoxicity and genotoxicity in a pulmonary cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 784-785, 1-9.	0.9	27
130	Impactos da nanotecnologia na saúde: produção de medicamentos. <i>Química Nova</i> , 2013, 36, 1520-1526.	0.3	26
131	Investigation of coco-glucoside as a novel intestinal permeation enhancer in rat models. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 856-865.	2.0	26
132	Radar charts based on particle sizing as an approach to establish the fingerprints of polymeric nanoparticles in aqueous formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 180-189.	1.4	26
133	Dermatological applications of the flavonoid phloretin. <i>European Journal of Pharmacology</i> , 2020, 889, 173593.	1.7	26
134	Polymeric Nanocapsules: Concepts and Applications. , 2011, , 49-68.		25
135	New strategy to surface functionalization of polymeric nanoparticles: one-pot synthesis of scFv anti-LDL( $\alpha^v$ )-functionalized nanocapsules. <i>Pharmaceutical Research</i> , 2014, 31, 2975-2987.	1.7	25
136	Methotrexate-loaded lipid-core nanocapsules are highly effective in the control of inflammation in&nbsp;synovial cells and a chronic arthritis model. <i>International Journal of Nanomedicine</i> , 2015, 10, 6603.	3.3	25
137	Antimicrobial effect and physicochemical properties of an adhesive system containing nanocapsules. <i>Dental Materials</i> , 2017, 33, 735-742.	1.6	25
138	LUVs Recovered with Chitosan: A New Preparation for Vaccine Delivery. <i>Journal of Liposome Research</i> , 2007, 17, 155-163.	1.5	24
139	Vitamin K1-loaded lipid-core nanocapsules: physicochemical characterization and <i>in vitro</i> skin permeation. <i>Skin Research and Technology</i> , 2013, 19, e223-30.	0.8	24
140	Nanoencapsulation of Olanzapine Increases Its Efficacy in Antipsychotic Treatment and Reduces Adverse Effects. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1137-1145.	0.5	24
141	Effects of Two Types of Melatonin-Loaded Nanocapsules with Distinct Supramolecular Structures: Polymeric (NC) and Lipid-Core Nanocapsules (LNC) on Bovine Embryo Culture Model. <i>PLoS ONE</i> , 2016, 11, e0157561.	1.1	24
142	The Production, Characterization, and the Stability of Carotenoids Loaded in Lipid-Core Nanocapsules. <i>Food and Bioprocess Technology</i> , 2016, 9, 1148-1158.	2.6	24
143	Liquid formulation containing doxorubicin-loaded lipid-core nanocapsules: Cytotoxicity in human breast cancer cell line and <i>in vitro</i> uptake mechanism. <i>Materials Science and Engineering C</i> , 2017, 76, 374-382.	3.8	24
144	Thermal and ultraviolet-visible light stability kinetics of co-nanoencapsulated carotenoids. <i>Food and Bioprocess Technology</i> , 2017, 105, 86-94.	1.8	24

#	ARTICLE	IF	CITATIONS
145	Uliginosin B from <i>Hypericum myrianthum</i> . <i>Biochemical Systematics and Ecology</i> , 2002, 30, 989-991.	0.6	23
146	Nanostructure-coated diclofenac-loaded microparticles: preparation, morphological characterization, in vitro release and in vivo gastrointestinal tolerance. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1233-1240.	0.6	23
147	Increasing sodium pantoprazole photostability by microencapsulation: Effect of the polymer and the preparation technique. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 1014-1018.	2.0	23
148	How Sorbitan Monostearate Can Increase Drug-Loading Capacity of Lipid-Core Polymeric Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 827-837.	0.9	23
149	Nanoencapsulation of Rose-Hip Oil Prevents Oil Oxidation and Allows Obtainment of Gel and Film Topical Formulations. <i>AAPS PharmSciTech</i> , 2016, 17, 863-871.	1.5	23
150	Enhanced and Selective Antiproliferative Activity of Methotrexate-Functionalized-Nanocapsules to Human Breast Cancer Cells (MCF-7). <i>Nanomaterials</i> , 2018, 8, 24.	1.9	23
151	Polymeric colloidal systems containing ethionamide: preparation and physico-chemical characterization. <i>Die Pharmazie</i> , 2000, 55, 527-30.	0.3	23
152	Nanotechnology in the Treatment and Detection of Intraocular Cancers. <i>Journal of Biomedical Nanotechnology</i> , 2008, 4, 410-418.	0.5	22
153	Influence of the type of vegetable oil on the drug release profile from lipid-core nanocapsules and <i>in vivo</i> genotoxicity study. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 789-798.	1.1	22
154	Castor oil and mineral oil nanoemulsion: development and compatibility with a soft contact lens. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 232-237.	1.1	22
155	Enteric Controlled-Release Pantoprazole-Loaded Microparticles Prepared by Using Eudragit S100 and Poly( $\mu$ -caprolactone) Blend. <i>Pharmaceutical Development and Technology</i> , 2007, 12, 463-471.	1.1	21
156	Thermal characterization of usnic acid/collagen-based films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 1011-1014.	2.0	21
157	The Potential of Nanotechnology in Medically Assisted Reproduction. <i>Frontiers in Pharmacology</i> , 2017, 8, 994.	1.6	21
158	Gastro-Resistant Microparticles Containing Sodium Pantoprazole: Stability Studies and In Vivo Anti-Ulcer Activity. <i>Open Drug Delivery Journal</i> , 2007, 1, 28-35.	2.0	21
159	Nanocapsule@xerogel microparticles containing sodium diclofenac: A new strategy to control the release of drugs. <i>International Journal of Pharmaceutics</i> , 2008, 358, 292-295.	2.6	20
160	Labeling the oily core of nanocapsules and lipid-core nanocapsules with a triglyceride conjugated to a fluorescent dye as a strategy to particle tracking in biological studies. <i>Nanoscale Research Letters</i> , 2014, 9, 233.	3.1	20
161	New pectin-based hydrogel containing imiquimod-loaded polymeric nanocapsules for melanoma treatment. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1829-1840.	3.0	20
162	Spray-Dried Polymeric Nanoparticles for Pharmaceutics: A Review of Patents. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012, 6, 195-208.	2.1	19

#	ARTICLE	IF	CITATIONS
163	Nanoencapsulation Improves Relative Bioavailability and Antipsychotic Effect of Olanzapine in Rats. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1482-1493.	0.5	19
164	Effects of chitosan-coated lipid-core nanocapsules on bovine sperm cells. <i>Toxicology in Vitro</i> , 2017, 40, 214-222.	1.1	19
165	Triclosan resistance reversion by encapsulation in chitosan-coated-nanocapsule containing $\alpha$ -bisabolol as core: development of wound dressing. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7855-7868.	3.3	19
166	An Inhalable Powder Formulation Based on Micro- and Nanoparticles Containing 5-Fluorouracil for the Treatment of Metastatic Melanoma. <i>Nanomaterials</i> , 2018, 8, 75.	1.9	19
167	Mechanisms of the effectiveness of poly( $\epsilon$ -caprolactone) lipid-core nanocapsules loaded with methotrexate on glioblastoma multiforme treatment. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4563-4573.	3.3	19
168	Characterization and antiproliferative activity of glioma-derived extracellular vesicles. <i>Nanomedicine</i> , 2020, 15, 1001-1018.	1.7	19
169	Powder Characteristics of Pantoprazole Delivery Systems Produced in Different Spray-Dryer Scales. <i>Drying Technology</i> , 2006, 24, 339-348.	1.7	18
170	Variable temperature multiple light scattering analysis to determine the enthalpic term of a reversible agglomeration in submicrometric colloidal formulations: A quick quantitative comparison of the relative physical stability. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 431, 93-104.	2.3	18
171	Solid lipid nanoparticles containing copaiba oil and allantoin: development and role of nanoencapsulation on the antifungal activity. <i>Die Pharmazie</i> , 2015, 70, 155-64.	0.3	18
172	An efficient synthesis of enantiopure (+)- and ( $\hat{\alpha}$ )-3-exo-amino-7,7-dimethoxynorbornan-2-exo-ols. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 557-561.	1.8	17
173	Nanoparticle-coated organic-inorganic microparticles: experimental design and gastrointestinal tolerance evaluation. <i>Quimica Nova</i> , 2006, 29, 990-996.	0.3	17
174	Surface morphology of spray-dried nanoparticle-coated microparticles designed as an oral drug delivery system. <i>Brazilian Journal of Chemical Engineering</i> , 2008, 25, 389-398.	0.7	17
175	Drying Polymeric Drug-Loaded Nanocapsules: The Wet Granulation Process as a Promising Approach. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 616-621.	0.9	17
176	Sustained Antioxidant Activity of Quercetin-Loaded Lipid-Core Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2874-2880.	0.9	17
177	Nanoencapsulation of Tacrolimus in Lipid-Core Nanocapsules Showed Similar Immunosuppressive Activity After Oral and Intraperitoneal Administrations. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1599-1609.	0.5	17
178	$\hat{\alpha}$ -Tocopherol acetate-loaded chitosan microparticles: Stability during spray drying process, photostability and swelling evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 220-224.	1.4	17
179	Coated minispheres of salmon calcitonin target rat intestinal regions to achieve systemic bioavailability: Comparison between intestinal instillation and oral gavage. <i>Journal of Controlled Release</i> , 2016, 238, 242-252.	4.8	17
180	Taste-masked nanoparticles containing Saquinavir for pediatric oral administration. <i>Materials Science and Engineering C</i> , 2020, 117, 111315.	3.8	17

#	ARTICLE	IF	CITATIONS
181	Innovative hydrogel containing polymeric nanocapsules loaded with phloretin: Enhanced skin penetration and adhesion. <i>Materials Science and Engineering C</i> , 2021, 120, 111681.	3.8	17
182	Methotrexate diethyl ester-loaded lipid-core nanocapsules in aqueous solution increased antineoplastic effects in resistant breast cancer cell line. <i>International Journal of Nanomedicine</i> , 2014, 9, 1583.	3.3	16
183	Pyrimethamine-loaded lipid-core nanocapsules to improve drug efficacy for the treatment of toxoplasmosis. <i>Parasitology Research</i> , 2014, 113, 555-564.	0.6	16
184	Tretinoin-loaded lipid-core nanocapsules decrease reactive oxygen species levels and improve bovine embryonic development during in vitro oocyte maturation. <i>Reproductive Toxicology</i> , 2015, 58, 131-139.	1.3	16
185	Lipid-Core Nanocapsules Improved Antiedematogenic Activity of Tacrolimus in Adjuvant-Induced Arthritis Model. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1265-1274.	0.9	16
186	Evaluation instruments for physical therapy using virtual reality in stroke patients: a systematic review. <i>Physiotherapy</i> , 2020, 106, 194-210.	0.2	16
187	Gelatin-based membrane containing usnic acid-loaded liposomes: A new treatment strategy for corneal healing. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110391.	2.5	16
188	Erlotinib-Loaded Poly( $\epsilon$ -Caprolactone) Nanocapsules Improve In Vitro Cytotoxicity and Anticlonogenic Effects on Human A549 Lung Cancer Cells. <i>AAPS PharmSciTech</i> , 2020, 21, 229.	1.5	16
189	Gastroresistant microparticles containing sodium alendronate prevent the bone loss in ovariectomized rats. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 441-447.	1.9	15
190	Development and Stability of Innovative Semisolid Formulations Containing Nanoencapsulated Lipoic Acid for Topical Use. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 7723-7732.	0.9	15
191	Stability study of lycopene-loaded lipid-core nanocapsules under temperature and photosensitization. <i>LWT - Food Science and Technology</i> , 2016, 71, 190-195.	2.5	15
192	Tretinoin-loaded lipid-core nanocapsules overcome the triple-negative breast cancer cell resistance to tretinoin and show synergistic effect on cytotoxicity induced by doxorubicin and 5-fluororacil. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 404-409.	2.5	15
193	Reconstituted spray-dried phenytoin-loaded nanocapsules improve the in vivo phenytoin anticonvulsant effect and the survival time in mice. <i>International Journal of Pharmaceutics</i> , 2018, 551, 121-132.	2.6	15
194	Pharmacokinetic evaluation of indomethacin ethyl ester-loaded nanoencapsules. <i>International Journal of Pharmaceutics</i> , 2008, 363, 214-216.	2.6	14
195	Spray-Dried Powders Containing Tretinoin-Loaded Engineered Lipid-Core Nanocapsules: Development and Photostability Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2059-2067.	0.9	14
196	Isoflurane-Loaded Nanoemulsion Prepared by High-Pressure Homogenization: Investigation of Stability and Dose Reduction in General Anesthesia. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 849-858.	0.5	14
197	Pectin beads loaded with chitosan-iron microspheres for specific colonic adsorption of ciprofloxacin. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 494-500.	1.4	14
198	Nanoencapsulation of Clobetasol Propionate Decreases Its Penetration to Skin Layers Without Changing Its Relative Skin Distribution. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 875-879.	0.9	14

#	ARTICLE	IF	CITATIONS
199	Vegetable Oil-Loaded Nanocapsules: Innovative Alternative for Incorporating Drugs for Parenteral Administration. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1310-1320.	0.9	14
200	Melatonin-loaded lipid-core nanocapsules protect against lipid peroxidation caused by paraquat through increased SOD expression in <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 80.	1.0	14
201	Antibacterial activity against Gram-positive bacteria using fusidic acid-loaded lipid-core nanocapsules. <i>Reactive and Functional Polymers</i> , 2021, 162, 104876.	2.0	14
202	Microencapsulation of sodium alendronate reduces drug mucosal damage in rats. <i>Drug Delivery</i> , 2010, 17, 231-237.	2.5	13
203	Pharmacokinetics evaluation of soft agglomerates for prompt delivery of enteric pantoprazole-loaded microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 275-280.	2.0	13
204	Transport of Substances and Nanoparticles across the Skin and in Vitro Models to Evaluate Skin Permeation and/or Penetration. , 2011, , 3-35.		13
205	Set-up of a method using LC-UV to assay mometasone furoate in pharmaceutical dosage forms. <i>Quimica Nova</i> , 2012, 35, 818-821.	0.3	13
206	Innovative approach to produce submicron drug particles by vibrational atomization spray drying: influence of the type of solvent and surfactant. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1011-1020.	0.9	13
207	Novel therapeutic mechanisms determine the effectiveness of lipid-core nanocapsules on melanoma models. <i>International Journal of Nanomedicine</i> , 2016, 11, 1261.	3.3	13
208	Effect of indomethacin-loaded nanocapsules incorporation in a dentin adhesive resin. <i>Clinical Oral Investigations</i> , 2017, 21, 437-446.	1.4	13
209	Drug delivery to the brain: how can nanoencapsulated statins be used in the clinic?. <i>Therapeutic Delivery</i> , 2017, 8, 625-631.	1.2	13
210	Nano-BCG: A Promising Delivery System for Treatment of Human Bladder Cancer. <i>Frontiers in Pharmacology</i> , 2017, 8, 977.	1.6	13
211	Characterization of $\beta$ -cyclodextrin/myrtenol complex and its protective effect against nociceptive behavior and cognitive impairment in a chronic musculoskeletal pain model. <i>Carbohydrate Polymers</i> , 2020, 244, 116448.	5.1	13
212	Chitosan-coated nanocapsules ameliorates the effect of olanzapine in prepulse inhibition of startle response (PPI) in rats following oral administration. <i>Reactive and Functional Polymers</i> , 2020, 148, 104493.	2.0	13
213	Nanocapsules, nanoemulsion and nanodispersion containing melatonin: preparation, characterization and stability evaluation. <i>Die Pharmazie</i> , 2007, 62, 354-60.	0.3	13
214	Development of HPMC and Eudragit S100 blended microparticles containing sodium pantoprazole. <i>Die Pharmazie</i> , 2007, 62, 361-4.	0.3	13
215	Micropartículas nanorrevestidas contendo um fármaco modelo hidrofóbico: preparação e caracterização biofarmacéutica. <i>Quimica Nova</i> , 2008, 31, 1966-1972.	0.3	12
216	Size-Control of Poly( $\epsilon$ -caprolactone) Nanospheres by the Interface Effect of Ethanol on the Primary Emulsion Droplets. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 4933-4941.	0.9	12

#	ARTICLE	IF	CITATIONS
217	Agglomerates Containing Pantoprazole Microparticles: Modulating the Drug Release. <i>AAPS PharmSciTech</i> , 2009, 10, 335-345.	1.5	12
218	A LC-UV method to assay N-acetylcysteine without derivatization: analyses of pharmaceutical products. <i>Analytical Methods</i> , 2013, 5, 3321.	1.3	12
219	A nanoformulation containing a scFv reactive to electronegative LDL inhibits atherosclerosis in LDL receptor knockout mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 120-129.	2.0	12
220	Direct effects of poly( $\mu$ -caprolactone) lipid-core nanocapsules on human immune cells. <i>Nanomedicine</i> , 2019, 14, 1429-1442.	1.7	12
221	Anti-HPV Nanoemulsified-Imiquimod: A New and Potent Formulation to Treat Cervical Cancer. <i>AAPS PharmSciTech</i> , 2020, 21, 54.	1.5	12
222	Pequi ( <i>Caryocar brasiliense</i> Cambess)-Loaded Nanoemulsion, Orally Delivered, Modulates Inflammation in LPS-Induced Acute Lung Injury in Mice. <i>Pharmaceutics</i> , 2020, 12, 1075.	2.0	12
223	Chitosan-Coated Lipid-Core Nanocapsules Functionalized with Gold-III and Bevacizumab Induced In Vitro Cytotoxicity against C6 Cell Line and In Vivo Potent Antiangiogenic Activity. <i>Pharmaceutical Research</i> , 2020, 37, 91.	1.7	12
224	Healing of dermal wounds property of <i>Caryocar brasiliense</i> oil loaded polymeric lipid-core nanocapsules: formulation and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 150, 105356.	1.9	12
225	<i>Galleria mellonella</i> Larvae as an <i>In Vivo</i> Model to Evaluate the Toxicity of Polymeric Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1486-1494.	0.9	12
226	Simultaneous nanoencapsulation of lipoic acid and resveratrol with improved antioxidant properties for the skin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111023.	2.5	12
227	A nanotecnologia como estratégia para o desenvolvimento de cosméticos. <i>Ciência E Cultura</i> , 2013, 65, 28-31.	0.5	12
228	Production of Isotonic, Sterile, and Kinetically Stable Lipid-Core Nanocapsules for Injectable Administration. <i>AAPS PharmSciTech</i> , 2017, 18, 212-223.	1.5	11
229	Role of poly( $\epsilon$ -caprolactone) lipid-core nanocapsules on melanoma&ndash;neutrophil crosstalk. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7153-7163.	3.3	11
230	Spray-dried carvedilol-loaded nanocapsules for sublingual administration: Mucoadhesive properties and drug permeability. <i>Powder Technology</i> , 2019, 354, 348-357.	2.1	11
231	Lapatinib-Loaded Nanocapsules Enhances Antitumoral Effect in Human Bladder Cancer Cell. <i>Frontiers in Oncology</i> , 2019, 9, 203.	1.3	11
232	Oral Treatment of Spontaneously Hypertensive Rats with Captopril-Surface Functionalized Furosemide-Loaded Multi-Wall Lipid-Core Nanocapsules. <i>Pharmaceutics</i> , 2020, 12, 80.	2.0	11
233	Degradação e estabilização do diclofenaco em nanocápsulas poliméricas. <i>Química Nova</i> , 2004, 27, 555-560.	0.3	10
234	Pantoprazole-loaded Eudragit blended microparticles: preparation, characterization, in vitro gastro-resistance and in vivo anti-ulcer evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2007, 17, 113-118.	1.4	10

#	ARTICLE	IF	CITATIONS
235	Structural model of polymeric nanospheres containing indomethacin ethyl ester and in vivo anti-inflammatory activity. <i>International Journal of Nanotechnology</i> , 2007, 4, 454.	0.1	10
236	Formulações de atrazina em xerogéis: síntese e caracterização. <i>Química Nova</i> , 2009, 32, 1727-1733.	0.3	10
237	Semi-solid topical formulations containing nimesulide-loaded nanocapsules showed in-vivo anti-inflammatory activity in chronic arthritis and fibrovascular tissue models. <i>Inflammation Research</i> , 2012, 61, 305-310.	1.6	10
238	Evaluation of lipoic acid topical application on rats skin wound healing. <i>Acta Cirurgica Brasileira</i> , 2013, 28, 708-715.	0.3	10
239	Penetration, photo-reactivity and photoprotective properties of nanosized ZnO. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1253-1260.	1.6	10
240	Do poly(epsilon-caprolactone) lipid-core nanocapsules induce oxidative or inflammatory damage after in vivo subchronic treatment?. <i>Toxicology Research</i> , 2015, 4, 994-1005.	0.9	10
241	Development of an Insect Repellent Spray for Textile Based on Permethrin-Loaded Lipid-Core Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1301-1309.	0.9	10
242	Effect on adhesion of a nanocapsules-loaded adhesive system. <i>Brazilian Oral Research</i> , 2018, 32, e008.	0.6	10
243	High encapsulation efficiency of sodium alendronate in eudragit S100/HPMC blend microparticles. <i>Química Nova</i> , 2009, 32, 1170-1174.	0.3	10
244	Chemobrain in Breast Cancer: Mechanisms, Clinical Manifestations, and Potential Interventions. <i>Drug Safety</i> , 2022, 45, 601-621.	1.4	10
245	Evaluation of potential acute cardiotoxicity of biodegradable nanocapsules in rats by intravenous administration. <i>Toxicology Research</i> , 2016, 5, 168-179.	0.9	9
246	Assessing the performance of copaiba oil and allantoin nanoparticles on multidrug-resistant <i>Candida parapsilosis</i> . <i>Journal of Drug Delivery Science and Technology</i> , 2017, 40, 59-65.	1.4	9
247	Doxazosin nanoencapsulation improves its in vitro antiproliferative and anticlonogenic effects on breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 10-20.	2.5	9
248	Chemical stability, mass loss and hydrolysis mechanism of sterile and non-sterile lipid-core nanocapsules: The influence of the molar mass of the polymer wall. <i>Reactive and Functional Polymers</i> , 2018, 133, 161-172.	2.0	9
249	Spray-dried raloxifene submicron particles for pulmonary delivery: Development and in vivo pharmacokinetic evaluation in rats. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119429.	2.6	9
250	Polymeric Nanoparticles: In Vivo Toxicological Evaluation, Cardiotoxicity, and Hepatotoxicity. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 299-324.	0.1	9
251	Alpha-bisabolol Promotes Glioma Cell Death by Modulating the Adenosinergic System. <i>Anticancer Research</i> , 2017, 37, 1819-1823.	0.5	9
252	Validação de metodologia analítica por cromatografia líquida para doseamento e estudo da estabilidade de pantoprazol sódico. <i>Química Nova</i> , 2007, 30, 1001-1005.	0.3	8

#	ARTICLE	IF	CITATIONS
253	Anti-inflammatory effect of an adhesive resin containing indomethacin-loaded nanocapsules. Archives of Oral Biology, 2017, 84, 106-111.	0.8	8
254	Redispersible Spray-Dried Powder Containing Nanoencapsulated Curcumin: the Drying Process Does Not Affect Neuroprotection In vitro. AAPS PharmSciTech, 2019, 20, 283.	1.5	8
255	Rapid and sensitive LC-MS/MS method for simultaneous quantification of capsaicin and dihydrocapsaicin in microdialysis samples following dermal application. Journal of Pharmaceutical and Biomedical Analysis, 2019, 173, 126-133.	1.4	8
256	Docosahexaenoic acid nanoencapsulated with anti-PECAM-1 as co-therapy for atherosclerosis regression. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 159, 99-107.	2.0	8
257	Nose-to-brain delivery of simvastatin mediated by chitosan-coated lipid-core nanocapsules allows for the treatment of glioblastoma in vivo. International Journal of Pharmaceutics, 2022, 616, 121563.	2.6	8
258	Preparation of Drug-Loaded Polymeric Nanoparticles and Evaluation of the Antioxidant Activity Against Lipid Peroxidation. Methods in Molecular Biology, 2010, 610, 109-121.	0.4	7
259	Amphiphilic Diblock Copolymer and Polycaprolactone Blends to Produce New Vesicular Nanocarriers. Journal of Biomedical Nanotechnology, 2012, 8, 272-279.	0.5	7
260	Characterization of Rheology and Release Profiles of Olanzapine-Loaded Lipid-Core Nanocapsules in Thermosensitive Hydrogel. Journal of Nanoscience and Nanotechnology, 2013, 13, 8144-8153.	0.9	7
261	Ultraviolet A Irradiation Increases the Permeation of Fullerenes into Human and Porcine Skin from C<sub>60</sub>-Poly(vinylpyrrolidone) Aggregate Dispersions. Skin Pharmacology and Physiology, 2015, 28, 22-30.	1.1	7
262	Nanoencapsulation of a glucocorticoid improves barrier function and anti-inflammatory effect on monolayers of pulmonary epithelial cell lines. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 1-10.	2.0	7
263	Drug-loaded nanoemulsion as positive control is an alternative to DMSO solutions for in vitro evaluation of curcumin delivery to MCF-7 cells. Pharmacological Reports, 2017, 69, 1408-1412.	1.5	7
264	High doses of lipid-core nanocapsules do not affect bovine embryonic development in vitro. Toxicology in Vitro, 2017, 45, 194-201.	1.1	7
265	PCL- b -P(MMA- co -DMAEMA) 2 new triblock copolymer for novel pH-sensitive nanocapsules intended for drug delivery to tumors. Reactive and Functional Polymers, 2017, 119, 116-124.	2.0	7
266	Intranasal administration of budesonide-loaded nanocapsule microagglomerates as an innovative strategy for asthma treatment. Drug Delivery and Translational Research, 2020, 10, 1700-1715.	3.0	7
267	Resveratrol-Loaded Lipid-Core Nanocapsules Modulate Acute Lung Inflammation and Oxidative Imbalance Induced by LPS in Mice. Pharmaceutics, 2021, 13, 683.	2.0	7
268	Organic Nanocarriers for Bevacizumab Delivery: An Overview of Development, Characterization and Applications. Molecules, 2021, 26, 4127.	1.7	7
269	Folic acid-doxorubicin polymeric nanocapsules: A promising formulation for the treatment of triple-negative breast cancer. European Journal of Pharmaceutical Sciences, 2021, 165, 105943.	1.9	7
270	In Vivo Gastroprotective Effect of Nanoparticles: Influence of Chemical Composition and Volume Fraction. Current Pharmaceutical Design, 2013, 19, 7294-7300.	0.9	7



#	ARTICLE	IF	CITATIONS
271	IgG functionalized polymeric nanoparticles for oral insulin administration. International Journal of Pharmaceutics, 2022, 622, 121829.	2.6	7
272	Stereoselective synthesis of 1,3-disubstituted hexahydro-1,4-diazepin-2-ones. Tetrahedron Letters, 1997, 38, 5809-5810.	0.7	6
273	Theospheres Based on <i>Theobroma Grandiflorum</i> Seed Butter: Development of Innovative Nanoparticles for Skin Application. Soft Materials, 2010, 8, 72-88.	0.8	6
274	Isoniazid interaction with phosphatidylcholine-based membranes. Journal of Molecular Structure, 2013, 1051, 237-243.	1.8	6
275	Lipid Nanoparticles Obtained with Innovative Natural Materials for Topical Delivery of Tioconazole: Mangospheres. Journal of Nanoscience and Nanotechnology, 2017, 17, 1762-1770.	0.9	6
276	Loading A Drug on Contact Lenses Using Polymeric Nanocapsules: Effects on Drug Release, Transparency, and Ion Permeability. Journal of Nanoscience and Nanotechnology, 2017, 17, 9286-9294.	0.9	6
277	Redispersible spray-dried lipid-core nanocapsules intended for oral delivery: the influence of the particle number on redispersibility. Pharmaceutical Development and Technology, 2018, 23, 414-425.	1.1	6
278	Encapsulation in lipid-core nanocapsules improves topical treatment with the potent antileishmanial compound CH8. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102121.	1.7	6
279	Phenytoin-loaded lipid-core nanocapsules improve the technological properties and in vivo performance of fluidised bed granules. Materials Science and Engineering C, 2020, 111, 110753.	3.8	6
280	( $\alpha$ )-linalool-Loaded Polymeric Nanocapsules Are a Potential Candidate to Fibromyalgia Treatment. AAPS PharmSciTech, 2020, 21, 184.	1.5	6
281	Dermatopharmacokinetic and pharmacodynamic evaluation of a novel nanostructured formulation containing capsaicinoids for treating neuropathic pain. International Journal of Pharmaceutics, 2021, 596, 120294.	2.6	6
282	Nanosized and Nanoencapsulated Sunscreens. , 2011, , 333-362.		5
283	A strategy to estimate the intrinsic flux of a poorly water soluble substance for comparison with its release from lipid-core nanocapsules. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 441, 716-724.	2.3	5
284	Natural and synthetic products used for the treatment of smoke inhalation: a patent review. Expert Opinion on Therapeutic Patents, 2017, 27, 877-886.	2.4	5
285	Fluid bed granulation as an innovative process to produce dry redispersible nanocapsules: Influence of cationic coating of particles. Powder Technology, 2018, 326, 25-31.	2.1	5
286	Sublingual tablets containing spray-dried carvedilol-loaded nanocapsules: development of an innovative nanomedicine. Pharmaceutical Development and Technology, 2020, 25, 1053-1062.	1.1	5
287	New nanotechnological formulation based on amiodarone-loaded lipid core nanocapsules displays anticryptococcal effect. European Journal of Pharmaceutical Sciences, 2021, 162, 105816.	1.9	5
288	In vivo prophylactic gastroprotection using $\alpha$ -bisabolol encapsulated in lipid-core nanocapsules and cocoa-theospheres. Journal of Drug Delivery Science and Technology, 2016, 36, 99-109.	1.4	4

#	ARTICLE	IF	CITATIONS
289	Stability of doripenem in reconstituted solution – thermal and oxidative decomposition kinetics and degradation products by LC-MS. <i>Biomedical Chromatography</i> , 2017, 31, e3940.	0.8	4
290	Evaluation of muscle strength, balance and functionality of individuals with type 2 Charcot-Marie-Tooth Disease. <i>Gait and Posture</i> , 2018, 62, 463-467.	0.6	4
291	New therapeutic patents used for the treatment of leprosy: a review. <i>Epidemiology and Infection</i> , 2018, 146, 1746-1749.	1.0	4
292	Passive Targeting and the Enhanced Permeability and Retention (EPR) Effect. , 2021, , 1-13.		4
293	EGFRvIII peptide-nanocapsules and bevacizumab-nanocapsules: a nose-to-brain multitarget approach against glioblastoma. <i>Nanomedicine</i> , 2021, 16, 1775-1790.	1.7	4
294	Peptídeos de conformação restrita induzida pela incorporação de unidades (aza)lactâmicas. <i>Quimica Nova</i> , 1999, 22, 828-837.	0.3	4
295	Oral delivery of ambrisentan-loaded lipid-core nanocapsules as a novel approach for the treatment of pulmonary arterial hypertension. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121181.	2.6	4
296	Study of the kinetic resolution of ( $\pm$ )-10-exo-hydroxy-pentacyclo[6.2.1.1.3,6.0.2,7.0.5,9]dodeca-4-one by lipase catalysis and the intramolecular racemization of the pure enantiomer by thermal dyotropic reaction. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 683-688.	1.8	3
297	Peptide analogs containing the pentacyclo[5,4,0,0.2,6,0.3,6,0.5,9]undecane scaffold: conformational analysis in solution. <i>Journal of Molecular Structure</i> , 2004, 689, 49-60.	1.8	3
298	<I>A Special Issue on</I> the Developments in Biomedical Nanotechnology in Latin America. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 191-192.	0.5	3
299	New Approach to Determine the Phase Transition Temperature, Cloud Point, of Thermoresponsive Polymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 581-587.	1.2	3
300	Colloidal Dispersion Stability: Kinetic Modeling of Agglomeration and Aggregation. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
301	Polymeric Nanocapsules for Topical Delivery. , 2016, , 201-221.		3
302	Redispersible spray-dried nanocapsules for the development of skin delivery systems: proposing a novel blend of drying adjuvants. <i>Soft Materials</i> , 2018, 16, 20-30.	0.8	3
303	Active Targeting of Nanocarriers. , 2021, , 1-13.		3
304	Folic Acid-Doxorubicin-Double-Functionalized-Lipid-Core Nanocapsules: Synthesis, Chemical Structure Elucidation, and Cytotoxicity Evaluation on Ovarian (OVCAR-3) and Bladder (T24) Cancer Cell Lines. <i>Pharmaceutical Research</i> , 2021, 38, 301-317.	1.7	3
305	Polymeric nanocapsules as a binder system for fluidized bed granules: Influence on particle growth behavior, flow, compaction properties, and drug release. <i>Powder Technology</i> , 2021, 385, 327-335.	2.1	3
306	Evaluation of an Efficient and Skin-Adherent Semisolid Sunscreen Nanoformulation. <i>Skin Pharmacology and Physiology</i> , 2022, 35, 291-298.	1.1	3

#	ARTICLE	IF	CITATIONS
307	Evaluation of lipases in the desymmetrization of meso-exo-3,5-dihydroxymethylenetricyclo[5.2.1.0(2,6)]decane and the synthesis of chiral derivatives. Journal of the Brazilian Chemical Society, 2004, 15, 22-27.	0.6	2
308	Phospholipid-chitosan self-assemblies analyzed by SAXS and Light Scattering. , 2009, , .		2
309	Data of characterization and related assays of lipid-core nanocapsule formulations and their hydrolysis mechanism. Data in Brief, 2018, 21, 918-933.	0.5	2
310	SCC4 cell monolayers as an alternative sublingual barrier model: influence of nanoencapsulation on carvedilol transport. Drug Development and Industrial Pharmacy, 2019, 45, 63-66.	0.9	2
311	scFv-Anti-LDL(-)-Metal-Complex Multi-Wall Functionalized-Nanocapsules as a Promising Tool for the Prevention of Atherosclerosis Progression. Frontiers in Medicine, 2021, 8, 652137.	1.2	2
312	Nanoformulation Shows Cytotoxicity against Glioblastoma Cell Lines and Antiangiogenic Activity in Chicken Chorioallantoic Membrane. Pharmaceutics, 2021, 13, 862.	2.0	2
313	Therapeutic implementation in arterial thrombosis with pulmonary administration of fucoidan microparticles containing acetylsalicylic acid. International Journal of Pharmaceutics, 2022, 622, 121841.	2.6	2
314	Eudragit S100 microparticles containing sodium pantoprazole: drug release, intestinal absorption and in vitro/ex vivo correlation. Journal of Drug Delivery Science and Technology, 2008, 18, 323-326.	1.4	1
315	Chitosan as Stabilizer and Carrier of Natural Based Nanostructures. , 2011, , 163-177.		1
316	Rice Bran Oil. , 2014, , 311-322.		1
317	Data of PCL-b-P(MMA-DMAEMA) 2 characterization and related assays. Data in Brief, 2017, 15, 111-126.	0.5	1
318	PET-CT imaging of atherosclerosis in Ldlr-/- mice treated with an anti-LDL(-) nanoformulation. Atherosclerosis, 2017, 263, e17.	0.4	1
319	Pharmaceutical Nanocarriers. , 2021, , 1-16.		1
320	A set of synthetic data, antibacterial evaluation and bacterial interaction with lipid-core nanocapsules containing fusidic acid. Data in Brief, 2021, 36, 107089.	0.5	1
321	Development of bozepinib-loaded nanocapsules for nose-to-brain delivery: preclinical evaluation in glioblastoma. Nanomedicine, 2021, 16, 2095-2115.	1.7	1
322	Lipid-Core Nanocapsules: Reducing the Aqueous Phase Volume to Increase Encapsulation Efficiency and to Reduce the Energy and Time Consuming of the Production Process. Journal of Colloid Science and Biotechnology, 2015, 4, 79-85.	0.2	1
323	Acute toxicological evaluation of lipid-core nanocapsules. Toxicology Letters, 2011, 205, S287.	0.4	0
324	&lt;I&gt;A Special Section on&lt;/I&gt; Pharmaceutical Nanotechnology: Development of Innovative Formulations and Their Biological Evaluation. Journal of Nanoscience and Nanotechnology, 2015, 15, 759-760.	0.9	0

#	ARTICLE	IF	CITATIONS
325	A Special Section on Pharmaceutical Nanotechnology: Development of Soft Nanoparticles and Their Biological Evaluations. Journal of Nanoscience and Nanotechnology, 2016, 16, 1235-1237.	0.9	0
326	Polymeric Nanoparticles. , 2019, , 73-94.		0
327	Drug Release from Pharmaceutical Nanocarriers. , 2021, , 1-11.		0
328	Pharmaceutical Nanocarrier Characterization. , 2021, , 1-10.		0
329	Intramolecular Hydrogen Bonding in Depsipeptides Containing Endo-3,6-Tricyclo[6.2.1.0 <sup>2,7</sup> ]undeca-4,9-diene-3,6-endo-diol. Current Drug Discovery Technologies, 2004, 1, 155-164.	0.6	0
330	Polarimetry as an Analytical Method to Quantify Limonene-Loaded Nanoemulsions. Journal of Colloid Science and Biotechnology, 2013, 2, 334-341.	0.2	0
331	LC-MS/MS METHOD APPLIED TO PRECLINICAL PHARMACOKINETIC INVESTIGATION OF OLANZAPINE-LOADED LIPID-CORE NANOCAPSULES. Quimica Nova, 2014, , .	0.3	0
332	Products with Natural Components to Heal Dermal Burns: A Patent Review. Recent Patents on Biotechnology, 2016, 9, 168-175.	0.4	0
333	Polycaprolactone And Polycaprolactone Triol Blends To Obtain A Stable Liquid Nanotechnological Formulation: Synthesis, Characterization And In Vitro - In Vivo Taste Masking Evaluation. Drug Development and Industrial Pharmacy, 2021, , 1-18.	0.9	0
334	Applying the sensory analysis in the development of chitosan hydrogel containing polymeric nanocapsules for cutaneous use. Journal of Cosmetic Science, 2014, 65, 299-314.	0.1	0
335	Pharmaceutical Nanocarriers. , 2022, , 802-817.		0
336	Passive Targeting and the Enhanced Permeability and Retention (EPR) Effect. , 2022, , 753-766.		0
337	Pharmaceutical Nanocarrier Characterization. , 2022, , 793-802.		0
338	Active Targeting of Nanocarriers. , 2022, , 68-80.		0
339	Drug Release from Pharmaceutical Nanocarriers. , 2022, , 419-428.		0
340	Triclosan and $\alpha$ -bisabolol $\alpha$ loaded nanocapsule functionalized with ascorbic acid as a dry powder formulation against A549 lung cancer cells. Journal of Drug Delivery Science and Technology, 2022, 74, 103463.	1.4	0